INFINISTORE®

Tape Library – Model 21

The INFINISTORE Tape Library 21 (ITL-21) is a storage system for departments and work groups with a storage requirement of up to 8,4 TeraByte. Latest LTO technology provides fast data throughput and high capacity.

With LTO Technology

Efficient
The sophisticated design of the ITL-21 makes effective use of the available internal space. With only 2U available, a storage capacity of 8.4TB is achievable.

Simple
Integration into existing environments is simple and straightforward. The system administrator can manage the system from any location using the integrated web-based remote management graphical user interface.

Complete
The ITL-21 system comes complete with an installation kit to ensure ease of integration and a swift introduction into production. The kit includes rack mount fittings, cables and terminators.

Modular
Special attention has been paid to ease of maintenance with the design and development of the ITL-21 system. All components, including power supply, library controller, tape drive and robotics can be replaced quickly and easily on-site. This means that down times are kept to the bare minimum.

Provision has been made for the bulk insertion and removal of cartridges via two easily removable magazines, while odd individual tapes can be inserted or ejected via the mail slot unit.

Intelligent
The ITL-21 can be upgraded at any time to an INFINISTORE ArchiveFiler in order to achieve a complete HSM solution. From simple backup to archiving – a one stop solution.

Highlights

- Automatic tape robot for unsupervised backup operation
- Upgradeability to central data storage in the LAN
- 8,4 TB with only 2 U
- Modular – components easily to replace

Additional products:

Solutions
INFINISTORE AutoLoader (3,2 TB)
INFINISTORE Tape Library 42 (16,8 TB)
INFINISTORE Tape Library XL (2 PB)
INFINISTORE ArchiveFiler

Software
GDS ArchiveManager
GDS FileMigrator Agent
GDS DiskAnalyzer

www.GrauDataStorage.de

Technische Änderungen und Druckfehler vorbehalten. INFINISTORE® ist eine Marke der GRAU Data Storage AG.

High Performance, Small Price – INFINISTORE Tape Library 21

LTO

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Technic	ITL-21 (LTO-2)	ITL-21 (LTO-3)
General		
Type of tape drive	HP LTO-2 Half Height (SCSI)	HP LTO-3 Full Height (SCSI)
Type of media	Ultrium 2	Ultrium 3
Media compatibility	LTO-2 (R/W), LTO-1 (R)	LTO-3 (R/W), LTO-2 (R/W), LTO-1 (R)
Type of interface	Ultra160 LVD SCSI (HD68)	Ultra160 LVD SCSI (HD68)
Form factor	19" Rack mount (2HE)	19" Rack mount (2HE)
Configuration		
Number of tape drives	2 (Hot-Swap)	1 (Hot-Swap)
Number of slots	21	21
Number of I/E-slots	1	1
Number of magazines	2	2
Capacity		
Native capacity	4,2 TB	8,4 TB
Compressed capacity (max)	8,4 TB (2:1 compressed)	16,8 TB (2:1 compressed)
Performance		
Native data transfer rate	24 MB/s per drive	80 MB/s per drive
Compressed data transfer rate	48 MB/s per drive	160 MB/s per drive
Reliability		
Robotic MCBF	500.000 media changes	500.000 media changes
Tape Drive MTBF	>250.000 hours (100/ Duty Cycle)	>250.000 hours (100/ Duty Cycle)
Access and Operation		
Management	- password protected LCD menu for tape drive, media, configuration and diagnostics - Remote Management Utility (RMU) with Fast Ethernet (RJ45) connection for remote administration and comfortable maintenance via browser	- password protected LCD menu for tape drive, media, configuration and diagnostics - Remote Management Utility (RMU) with Fast Ethernet (RJ45) connection for remote administration and comfortable maintenance via browser
Host interface	Ultra160 LVD SCSI (HD68)	Ultra160 LVD SCSI (HD68)
Scope of Delivery		
Kit	SCSI terminator and SCSI cable, power cable, Quick Install Guide, manual on CD-ROM	SCSI terminator and SCSI cable, power cable, Quick Install Guide, manual on CD-ROM
Power Supply		
Type	Internal power supply	Internal power supply
Installed number	1	1
Required supply voltage	Alternating current 100-240V (50-60Hz)	Alternating current 100-240V (50-60Hz)
Power consumption during operation	80W	80W
System Environment		
Noise	<=5,8 B ("quiet office")	<=5,8 B ("quiet office")
Max. vibrations	0,21 Grms 5-500 Hz in Operation	0,21 Grms 5-500 Hz in Operation
Temperature	10-35°C	10-35°C
Relative humidity in operation	20-80% with non-condensed operating conditions	20-80% with non-condensed operating conditions
Dimensions and Weight		
Width	447,5 mm	447,5 mm
Depth	740 mm	740 mm
Height	87,6 mm	87,6 mm
Weight (without media)	- 12 kg (without tape drive) - 14,7 kg (with one tape drive)	- 12 kg (without tape drive) - 14,7 kg (with one tape drive)

Maintenance

There are Basic (5 x 10), Business (5 x 24) and Premium (7 x 24) maintenance contracts available for all Tape Library Systems.

Additional information about INFINISTORE Archive- and Storage Systems are available on request. We are at your's disposal for further questions by phone or email under info@GrauDataStorage.

You will receive your personal INFINISTORE Tape Libraries quotation from your local GRAU Data Storage Area Manager or directly over Sales@GrauDataStorage.de.

www.GrauDataStorage.de

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